

Robert K. Menzel, James A. Simms, James V. Leonard  
Attorney Docket No. BOEL-1-1017  
AN AIR LAUNCH SYSTEM INTERFACE  
Filed December 18, 2001  
Express Mail No. EL476257078US  
Sheet 1 of 4  
Black Lowe & Graham, PLLC  
(206) 381-3300

30

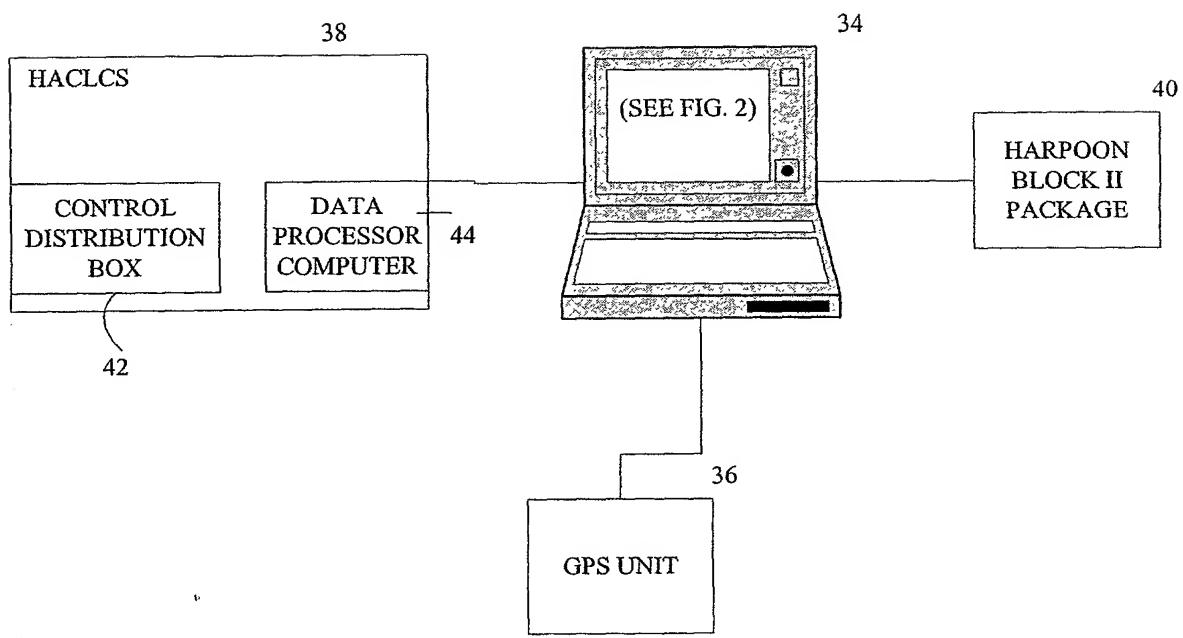


FIG. 1.

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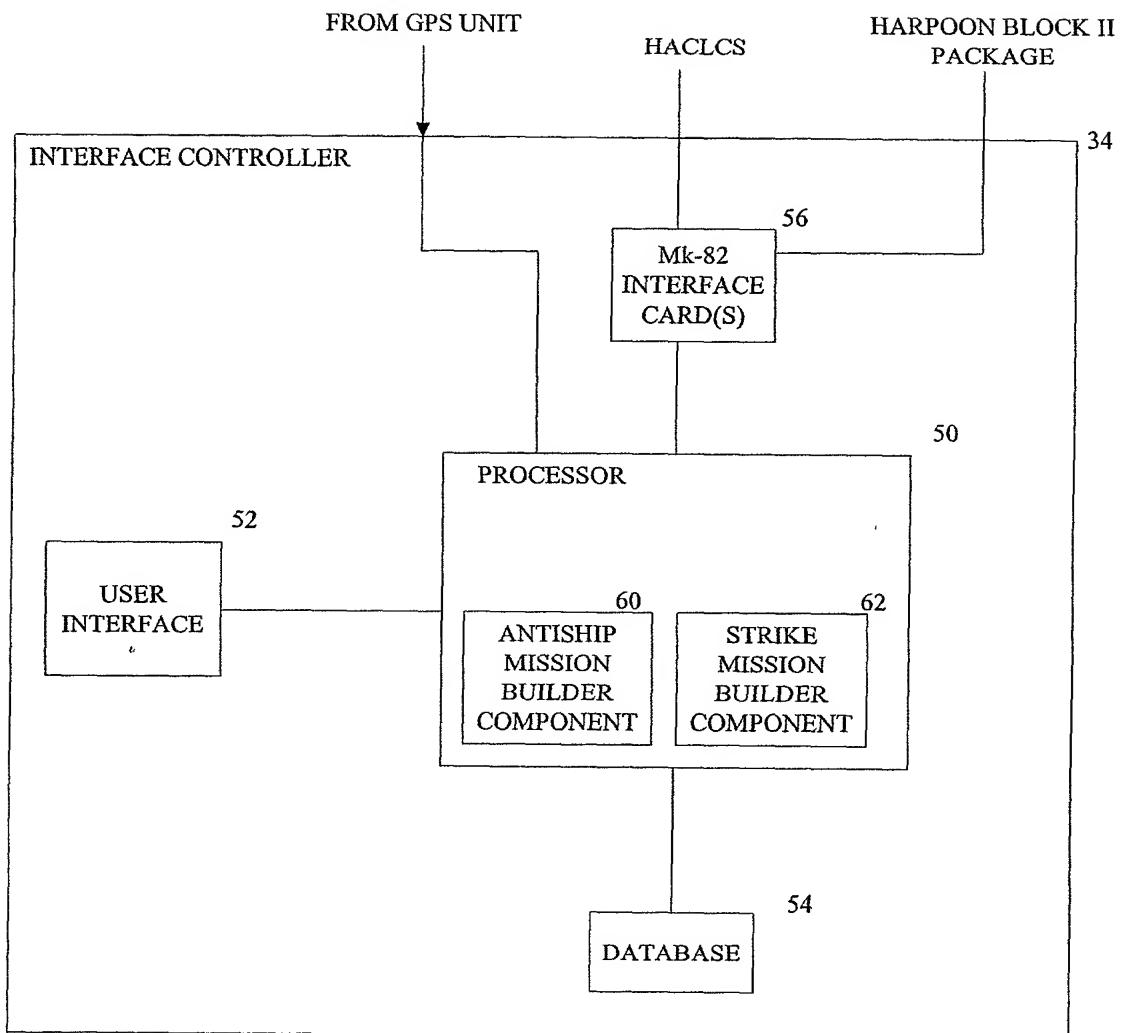


FIG. 2.

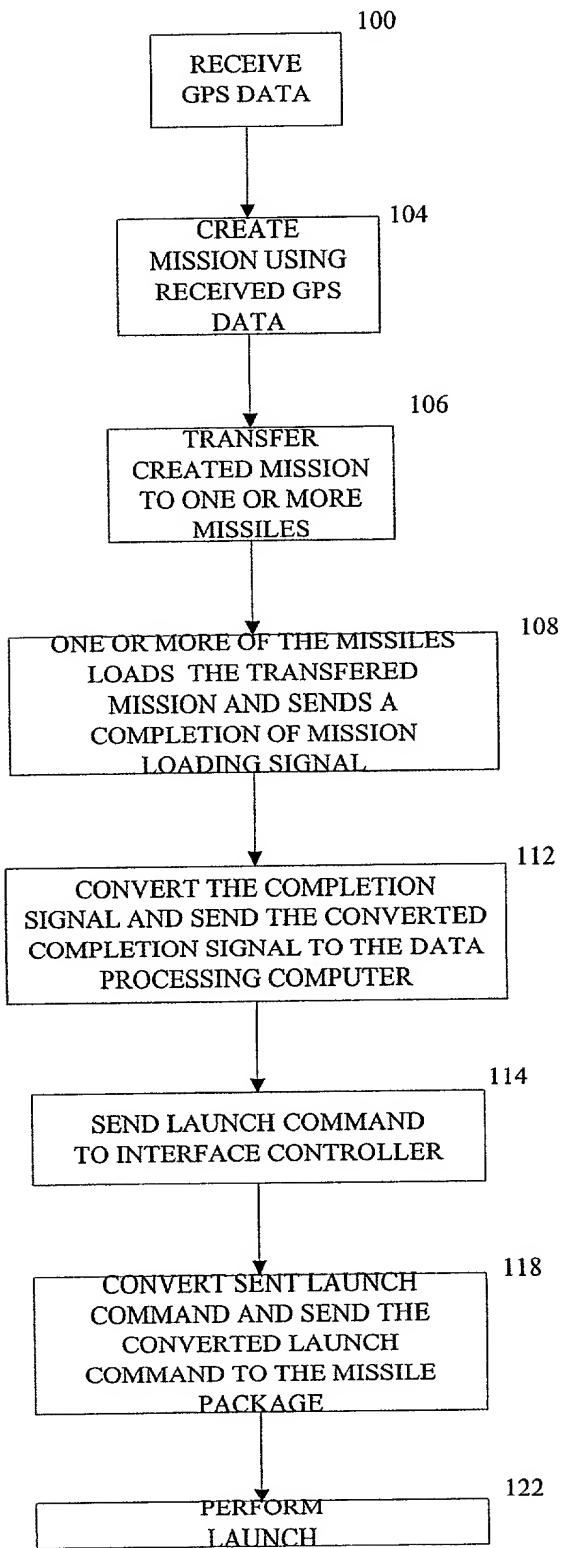


FIG. 3.

10024355 - 022602

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File		Simulate		Diagnostic		Help																																																	
GPS Data	Communications	Mission		GPS SVs	Options																																																		
Enter Keys	Comms Control	Down Load	Up Load	Unselect	Simulated Flight																																																		
PILOT COMMS: GO		AC POSITION: GO		AC HEADING: GO		MISSION LOADED																																																	
<b>SLAM Data</b> Configuration: PASS BIT Results: PASS Status Word:		<b>GPS Data</b> Almanac Age: 1 GPS Time: 15:13:13 GDOP: 2.93 SV's Selected: 7, 15, 19, 26		<b>Range and Bearing Data</b> Waypoint 1: 026/350 RNG/BRG Waypoint 2: 042/343 RNG/BRG Waypoint 3: 044/342 RNG/BRG Target: 058/333 RNG/BRG																																																			
<b>Positional Data</b> Heading/Speed: 000/000 Latitude: 38:48:47 N Longitude: -90:28:25 W				<b>Space Vehicle Information</b> <table border="1"> <thead> <tr> <th>SV</th> <th>AZ/EL</th> <th>Health</th> <th>TOW Cnt</th> <th>TOE</th> <th>USE</th> </tr> </thead> <tbody> <tr><td>02</td><td>340/073+</td><td>GO</td><td>15:01:06</td><td>16:00:00</td><td>YES</td></tr> <tr><td>07</td><td>262/055+</td><td>GO</td><td>15:01:36</td><td>16:00:00</td><td>YES</td></tr> <tr><td>15</td><td>056/037-</td><td>GO</td><td>15:02:18</td><td>16:00:00</td><td>YES</td></tr> <tr><td>19</td><td>161/015-</td><td>GO</td><td>15:01:42</td><td>16:00:00</td><td>YES</td></tr> <tr><td>26</td><td>287/013-</td><td>GO</td><td>15:01:42</td><td>15:59:44</td><td>YES</td></tr> <tr><td>27</td><td>106/050-</td><td>GO</td><td>15:02:12</td><td>16:00:00</td><td>YES</td></tr> <tr><td>31</td><td>059/000-</td><td>GO</td><td>15:00:36</td><td>16:00:00</td><td>NO</td></tr> </tbody> </table>		SV	AZ/EL	Health	TOW Cnt	TOE	USE	02	340/073+	GO	15:01:06	16:00:00	YES	07	262/055+	GO	15:01:36	16:00:00	YES	15	056/037-	GO	15:02:18	16:00:00	YES	19	161/015-	GO	15:01:42	16:00:00	YES	26	287/013-	GO	15:01:42	15:59:44	YES	27	106/050-	GO	15:02:12	16:00:00	YES	31	059/000-	GO	15:00:36	16:00:00	NO		
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<b>Procedural Steps / Alerts</b>																																																							

FIG. 4.

